

**WHAT IS CLAIMED IS:**

**1. A radio communication system comprising:**

an absolute base station which adjusts the phase of a frame signal according to a GPS signal when a predetermined re-synchronization time is reached, and transmits the frame signal; and

a subordinate base station which, upon reception of the frame signal from said absolute base station, adjusts the phase of an internal frame signal to coincide with the thus received phase of the frame signal.

wherein said absolute base station adjusts an internal clock operating according to a line clock based on a time matching signal transmitted from a maintenance terminal before the adjustment of the phase of the frame signal according to the GPS signal is performed,

**2. The radio communication system comprising:**

an absolute base station which adjusts the phase of a frame signal according to a GPS signal when a predetermined re-synchronization time is reached, and transmits the frame signal; and

a subordinate base station which, upon reception of the frame signal from said absolute base station, adjusts the phase of an internal frame signal to coincide with the thus received phase of the frame signal.

wherein when it is detected that a call has been generated before the predetermined re-synchronization time is reached, said absolute base station hands over the call to said subordinate base station.

**3. The radio communication system according to claim 2, wherein when the handing-over of the call to said subordinate base station fails, said absolute base station forcibly cuts the call.**

**4. The radio communication system according to claim 2, wherein when the handing-over of the call to said subordinate base station fails, said absolute base station receives a frame signal from another absolute base station existing in the same area, and adjusts the phase of the internal frame signal to coincide with the phase of the thus received frame signal.**